

Berlin, October 12, 2018

## Berlin Conference on Sustainable Energy and Infrastructure Economics and Policy – BELEC / INFRADAY 2018

### ”Sustainable Energy for the Low-Carbon Transformation”

In its fifth year, this BELEC focusses on contributions of younger scholars and INFRATRAN Doctoral School participants from a variety of organizations, with a focus on discussion and exchange. At the same time, it is No. 15 of the Conference on Applied Infrastructure Research (“INFRADAY”), started in 2002.

Welcome!

#### Program (1/2)

08:30 h	Registration, Fair Coffee & Tea (Ostrom Hall, 1st floor)		
09:00 h	<p style="text-align: center;"><b>Welcome</b></p> <p style="text-align: center;">Claudia Kemfert, Christian von Hirschhausen (Ostrom Hall, 1st floor)</p>		
09:15 h	<p style="text-align: center;"><b>Keynote</b></p> <p style="text-align: center;">Kevin Gould (Statkraft, Oslo, Norway): <i>2018 Low-Emissions-Report</i> (Ostrom Hall, 1st floor)</p>		
10:00 h	<p>Session 1a) (Ostrom Hall, 1st floor)</p> <p><b>2050 Energy Scenarios:</b> <b>Global, European, National</b></p> <p>Chair: Thorsten Burandt</p> <p>Dawud Ansari / Franziska Holz: <i>Scenarios of the global fossil fuel markets</i></p> <p>Leonard Goeke / Isabell Braunger: <i>Energy scenarios for Europe to 2050</i></p> <p>Anna Eidens, Study Team, et al.: <i>Long term energy system scenarios for Germany</i></p>	<p>Session 1b) (Schwartz Room, 5th floor)</p> <p><b>Infrastructure &amp; Sustainability Econometrics 1</b></p> <p>Chair: Nicole Wagner</p> <p>Quentin Horau: <i>Network tariff design with electric vehicles and distributed generation</i></p> <p>Johannes Brauer: <i>Optimal integration of the transport sector in urban systems considering different car technologies</i></p> <p>Ben Fram: <i>Virtual power plant auctions in the Western Denmark electricity market: An econometric analysis</i></p>	<p>Session 1c) (Blau/Robinson Room, 3rd floor)</p> <p><b>Low-carbon Energy Transformation 1</b></p> <p>Chair: Florian Weiss</p> <p>Karim Elbana: <i>Socio-technical analysis of the PV system in the Manuvo-school in Tanzania</i></p> <p>Raluca Dumitrescu / Lia Strenge: <i>Swarm electrification in Bangladesh: First look at the data</i></p> <p>Georg Heinemann: <i>Pay-as-you-go systems in emerging countries – Case study analysis</i></p>
11:00 h	Vitamin Break (Lounge, 1st floor)		
11:15 h	<p>Session 2a) (Ostrom Hall, 1st floor)</p> <p><b>Fossil Fuel Markets</b></p> <p>Chair: Franziska Holz</p> <p>Chris Hauenstein: <i>The death spiral of coal in the U.S. – Will the new U.S. energy policy change the tide?</i></p> <p>Victoria Czempinski / Sebastian Wegel: <i>Natural gas infrastructure in Europe – Model development and application to Ukrainian transit</i></p> <p>Tim Scherwarth / Franziska Holz / Roman Mendelevitch / Christian von Hirschhausen: <i>CCTS scenarios for Europe – Lessons from a modeling exercise</i></p>	<p>Session 2b) (Schwartz Room, 5th floor)</p> <p><b>Infrastructure &amp; Sustainability Econometrics 2</b></p> <p>Chair: Astrid Cullmann</p> <p>Nicole Waegner: <i>Municipal utilities and profit distributions</i></p> <p>Stefan Seifert / Astrid Cullmann / Ben Wealer: <i>Are Outages Homogeneous Among Nuclear Reactor Technologies? Evidence from Machine Learning Approaches</i></p> <p>Anne Neumann / Lars Sorge: <i>Resource curse econometrics</i></p>	<p>Session 2c) (Blau/Robinson Room, 3rd floor)</p> <p><b>Low-carbon Energy Transformation 2</b></p> <p>Chair: Pao-Yu Oei</p> <p>Andrea Ruiz Lopez: <i>Prosumage in Colombia</i></p> <p>Alejandro Sarmiento / Thorsten Burandt: <i>Energy scenarios for Mexico and policy issues for the incoming President</i></p> <p>Hector Gonzales: <i>Geothermal potential in Mexico</i></p>
12:15 h	Lunch (Ostrom Hall, 1st floor)		

Venue: DIW Berlin (Ostrom Hall), Mohrenstrasse 58, 10117 Berlin (Metro/U-Bahn Stadtmitte)

Contact and registration: [belec-conference@diw.de](mailto:belec-conference@diw.de)

Berlin, October 12, 2018

**Berlin Conference on Sustainable Energy and Infrastructure  
Economics and Policy – BELEC / INFRADAY 2018  
"Sustainable Energy for the Low-Carbon Transformation"**

**Program (2/2)**

12:15 h	<i>Lunch (Ostrom Hall, 1st floor)</i>		
13:00 h	<b><u>Lunchtime meeting – Book Launch: Energiewende “Made in Germany”</u></b> Welcome and overview of the book Claudia Kemfert, Pao-Yu Oei, Christian von Hirschhausen <i>(Ostrom Hall, 1st floor)</i>		
13:15 h	<b><u>Panel 1: Local and Global Challenges for the energiewende and the Low-Carbon Transformation</u></b> Chair: Christian von Hirschhausen <b>Andrea Cardoso</b> (Universidad del Magdalena, Santa Marta, Colombia): <i>Energy and climate policies in Latin America at the brink?</i> <b>Latifa Negadi</b> (University of Tlemcen, Algeria): <i>Current state and perspectives of the energy transformation in the MENA countries</i> <b>Olivier Massol</b> (French Petroleum Institute, Paris, France): <i>Energiewende, France, and Europe</i> <b>Enno Harks</b> (Senior Political Advisor BP Europa SE): <i>An industry perspective of upcoming technical and economic challenges</i>		
14:00 h	<b><u>Panel 2: Policy and Research Outlook to 2030 and 2050</u></b> Chair: Pao-Yu Oei <b>Christine Wörlen</b> (Arepo Consult, Berlin): <i>Transformation “theory of no change”</i> <b>Jonas Egerer</b> (Friedrich-Alexander University, Erlangen-Nürnberg): <i>Research for the next stage of the low-carbon energy transformation</i> <b>Marijke Welisch</b> (Technical University Vienna, Austria): <i>Experiences from coordinating European research consortia</i> <b>Sauleh Siddiqui</b> (Johns Hopkins University, Baltimore, USA): <i>Leaving Europe and brooding a longterm research agenda</i>		
14:45 h	<i>Vitamin Break (Lounge, 1st floor)</i>		
15:00 h	<p>Session 3a) (Ostrom Hall, 1st floor) <b><u>Group presentations Econometrics</u></b> Chair: Aleksandar Zaklan</p> <p>Saeed Hosseinioun / Thomas Kouroughli: <i>UK carbon price</i></p> <p>Taimyra Batz: <i>Renewable subsidies and technology</i></p> <p>Carlos Ayón: <i>Discrete choice application to Hyderabad</i></p> <p>NN: <i>Corporate Social Responsibility</i></p>	<p>Session 3b) (Schwartz Room, 5th floor) <b><u>Group presentations Numerics</u></b> Chair: Sauleh Siddiqui</p> <p>Benjamin Fram / Constantin Dierstein / Martin Roach / Leonard Göke / Dawid Chudy: <i>Hybrid pricing (zonal and nodal pricing)</i></p> <p>Athir Nouicer / Quentin Hoarau / Clément Cabot / Johannes Brauer: <i>Differentiated environmental taxes on supply chains</i></p> <p>Isaac González / Steffen Kaminski / Marzia Sesini / Georg Thomaßen: <i>TSO and generation</i></p> <p>Julia Granacher / Claudia Günther / Chris Hauenstein / Philipp Herpich: <i>Multi-objective analysis of a coal market</i></p>	<p>Session 3c) (Blau/Robinson Room, 3rd floor) <b><u>CoalExit 1: Energy economics</u></b> Chair: Jens Weibezahn</p> <p>Leonard Goeke / Martin Kittel: <i>Scenarios for coal exit in Germany</i></p> <p>Hans-Karl Bartholdtsen et al.: <i>Energy scenarios for NRW to 2030 and 2050</i></p>
16:00 h	<i>Vitamin Break (Lounge, 1st floor)</i>		
16:30 h	<p>Session 4a) (Ostrom Hall, 1st floor) <b><u>Nuclear Power</u></b> Chair: Ben Wealer</p> <p>Simon Bauer: <i>Restructuring of nuclear utilities – From green to green?</i></p> <p>Yusra Tolba / Agon Kamberi / Olesya Sazonova : <i>Nuclear power in Russia</i></p> <p>Lars Sorge / Anne Neumann / Christian von Hirschhausen: <i>Nuclear power, development, and democracy</i></p>	<p>Session 4b) (Schwartz Room, 5th floor) <b><u>Prosumage Economics &amp; Market Design</u></b> Chair: Victoria Czempinski</p> <p>Maxi Eissler / Philipp Zorn: <i>The economics of prosumage: Model development and quantification of business opportunities</i></p> <p>Alexandra Lüth: <i>Local electricity market design for peer-to-peer trading: The role of flexibility</i></p> <p>Jan Zepter: <i>Synergies of peer-to-peer trade and residential storage in prosumer integration in wholesale electricity markets</i></p>	<p>Session 4c) (Blau/Robinson Room, 3rd floor) <b><u>CoalExit 2: Structural Change</u></b> Chair: Sebastian Wegel</p> <p>Paula Walk: <i>Two German Coal Regions: Lusatia and Rhineland</i></p> <p>Philipp Herpich: <i>The IDDRI study on coal futures - Lessons for Germany and NRW</i></p> <p>Florian Weiß / Timon Zimmermann: <i>Metamorphosis of the German Power Sector: From the “Big 4” utilities to decentralized structures with a focus on RWE</i></p>
17:30 h	<i>Reception / Get-Together (Lounge, 1st floor)</i>		

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